IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
HARTLEY *et al.*
Appl. No. 10/058,291
Filed: January 30, 2002
For: **Recombinational Cloning Using Engineered Recombination Sites**

Confirmation No. 3302
Art Unit: 1636
Examiner: *To Be Assigned*
Atty. Docket: 0942.285000I/RWE/BJD/JKM

Third Supplemental Information Disclosure Statement

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this Third Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Second Supplemental Information Disclosure Statement filed July 9, 2003, and Applicants' First Supplemental Information Disclosure Statement filed electronically July 9, 2003, in connection with the above-captioned application. A copy of each document is also provided.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates

should not be construed as an admission that the information was actually published on the date indicated.

This Third Supplemental Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered. This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

Consideration of the cited documents and making the same of record in the prosecution of the above-identified application is respectfully requested. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Brian J. Del Buono
Attorney for Applicants
Registration No. 42,473

Date: August 25, 2003

1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600

FORM PTO-1449

THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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APPLICANT	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA7						
	AB7						
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	AH7	4,626,505	12/02/1986	Falco	435	172.3	02/24/1984
	AI7						
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	AK7						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM9	WO 96/40722	12/19/1996	WIPO			Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	105	
	AS	105	
	AT	105	Barnes, G., and Rine, J., "Regulated expression of endonuclease *Eco*RI in *Saccharomyces cerevisiae*: Nuclear entry and biological consequences," *Proc. Natl. Acad. Sci. USA 82*: 1354-1358, National Academy of Sciences (1985).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	106	Brent, R., and Ptashne, M., "A bacterial repressor protein or a yeast transcriptional terminator can block upstream activation of a yeast gene," *Nature 312*: 612-615, Macmillan Journals Ltd. (1984).
	AS	106	Cormack, B., "Directed Mutagenesis Using the Polymerase Chain Reaction," in *Current Protocols in Molecular Biology*, Ausubel, F.M., *et al.*, eds., John Wiley & Sons, Inc., New York, NY, pp. 8.5.1-8.5.10 (1997).
	AT	106	Enquist, L.W., and Weisberg, R.A., "The Red Plaque Test: A Rapid Method for Identification of Excision Defective Variants of Bacteriophage Lambda," *Virology 72*: 147-153, Academic Press, Inc. (1976).

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	AP						Yes No

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	AR	107	Feinbaum, R., "Vectors Derived from Plasmids," in *Current Protocols in Molecular Biology* , Ausubel, F. M., *et al.*, eds., John Wiley & Sons, Inc., New York, NY, pp.1.5.1-1.5.17 (1998).
	AS	107	Iino, T., and Kutsukake, K., "*Trans*-acting Genes of Bacteriophages P1 and Mu Mediate Inversion of a Specific DNA Segment Involved in Flagellar Phase Variation of *Salmonella*," *Cold Spring Harbor Symposia on Quantitative Biology 45*: 11-16, Cold Spring Harbor Laboratory (1981).
	AT	107	Johnson, R.C., *et al.*, "Isolation of the gene encoding the Hin recombinational enhancer binding protein," *Proc. Natl. Acad. Sci. USA 85*:3484-3488, National Academy of Sciences (1998).

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	AR	108	Klippel, A. *et al.*, "Isolation and characterization of unusual *gin* mutants," *The EMBO Journal 7*: 3983-3989, IRL Press Inc. (1988).
	AS	108	Koch, C., *et al.*, "*Escherichia coli* host factor for site-specific DNA inversion: Cloning and characterization of the *fis* gene," *Proc. Natl. Acad. Sci. USA 85*:4237-4241, National Academy of Sciences (1988).
	AT	108	Langeveld, S.A. *et al.*, "Expression of an *Escherichia coli phr* gene in the yeast *Saccharomyces cerevisiae*," *Mol. Gen. Genet. 199*: 396-400, Springer-Verlag (1985).

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	AR	109	Miller, H.I. *et al.*, "*int*-h: an *int* Mutation of Phage λ That Enhances Site-Specific Recombination," *Cell 20*: 721-729, MIT (1980).
	AS	109	Okayama, H., and Berg, P., "Bacteriophage Lambda Vector for Transducing a cDNA Clone Library into Mammalian Cells," *Molecular and Cellular Biology 5*: 1136-1142, American Society for Microbiology (1985).
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	AR	110	Sambrook, J., *et al.*, *Molecular Cloning: A Laboratory Manual, 2nd ed.*, Cold Spring Harbor Laboratory Press, New York, NY, pp. 16.6-16.8, (1989).
	AS	110	Sauer, B., "Expression and Functioning in Yeast of a Bacterial Site Specific Recombination System," *J. Cell. Bio. Chem. Supp. 10(b)*: 242 (I340), Alan R. Liss, Inc. (1986).
	AT	110	Sauer, B., and Henderson, N., "Site-specific DNA recombination in mammalian cells by the Cre recombinase of bacteriophage P1," *Proc. Natl. Acad. Sci. USA 85*: 5166-5170, National Academy of Sciences (1988).

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	AR	111	Stryer, L., "The DNA Template Contains Stop Signals for transcription," in *Biochemistry, 2nd ed.*, W.H. Freeman and Co., New York, NY, p. 610 (1981).
	AS	111	Vetter, D. *et al.*, "Site-specific recombination of yeast 2-μm DNA *in vitro*," *Proc. Natl. Acad. Sci. USA 80*: 7284-7288, National Academy of Sciences (1983).
	AT	111	

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